



1616

PATENT APPLICATION  
Mo7025  
LeA 33,923

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICATION OF )  
RAINER FISCHER ET AL )  
SERIAL NUMBER: 10/088,979 )  
FILED: MARCH 26, 2002 )  
TITLE: TRIFLUOROMETHYL-SUBSTITUTED )  
SPIROCYCLIC KETOENOLS )

GROUP NO.: 1616

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**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)**

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements, copies of documents and any English language equivalents listed on the attached Form PTO are enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

03/05/03

Date

Richard E. L. Henderson, Reg. No. 31,619

Name of applicant, assignee or Registered Representative

*Richard E. L. Henderson*

Signature

March 5, 2003

Date

Concise statements of the presently understood relevance of each of the documents are found in the specification filed.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any document mentioned herein constitutes prior art, or that the documents listed severally or in any combination with one another or with any other information, are believed to render any claim in the subject application prima facie unpatentable.

Respectfully submitted,

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Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office <b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use Several Sheets If Necessary)	Atty. Docket No. Mo7025/LeA 33,923	Serial No. 10/088,979
		Applicant Rainer Fischer et al	
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,925,868	05/15/90	(Bel. to corresp. to EP Terao et al	262,399) 514	425	
	AB	4,985,063	01/15/91	(Bel. to corresp. to EP Fischer et al	355,599) 71	88	
	AC	5,045,560	09/03/91	(Bel. to corresp. to EP Fischer et al	377,893) 514	425	
	AD	5,094,681	03/10/92	(Bel. to corresp. to DE Krämer et al	4,014,420) 71	88	
	AE	5,091,537	02/25/92	(Bel. to corresp. to EP Fischer et al	355,599) 546	226	
	AF	5,116,836	05/26/92	(Bel. to corresp. to EP Fischer et al	415,211) 514	224.2	
	AG	5,186,737	02/16/93	(Bel. to corresp. to EP Fischer et al	377,893) 504	283	
	AH	5,207,817	05/04/93	(Bel. to corresp. to DE Krämer	4,014,420) 504	299	
	AI	5,258,527	11/02/93	(Bel. to corresp. to EP Krauskoph et al	456,063) 548	543	
	AJ	5,462,913	10/31/95	(Bel. to corresp. to EP Fischer et al	596,298) 504	138	
	AK	5,504,057	04/02/96	(Bel. to corresp. to EP Fischer et al	613,884) 504	283	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL	**668,267	08/23/95	Europe				
	AM	**647,637	04/12/95	Europe				
	AN	**528,156	02/24/93	Europe				
	AO	**95/26954	10/12/95	World Patent				
	AP	**97/36868	10/09/97	World Patent				

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Chem. Reviews, (month Unavailable), 1952, pages 237-416, Norman O. V. Sonntag, "The Reactions of Aliphatic Acid Chlorides"
AS	Chem. Inc., 37, (month available), 1985, pages 730-732, H. R. Ungerer, "Schiffsfarben-eine Spezialität der seenahen Lackindustrie".
AT	Liebigs Ann. Chem, (month unavailable) 1985, pages 1095-1098, R. Schmierer et al, "Cyclisierung von N-Acylalanin-ung N-Acylglycinestern"

EXAMINER	DATE CONSIDERED
EXAMINER Initial if referenced considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.	

- \*Neither English Language Equivalent nor an English Language Translation is available.
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## U.S. PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,567,671	10/22/96	(Bel. to corresp. to EP Fischer et al	613,885) 504	283	
	AB	5,589,469	12/31/96	(Bel. to corresp. to EP Fischer et al	521,334) 514	91	
	AC	5,602,078	02/11/97	(Bel. to corresp. to EP Fischer et al	613,884) 504	283	
	AD	5,616,536	04/01/97	(Bel. to corresp. to EP Fischer et al	521,334) 504	225	
	AE	5,677,449	10/14/97	(Bel. to corresp. to EP Fischer et al	596,298) 544	165	
	AF	5,683,965	11/04/97	(Bel. to corresp. to WO Bachmann et al	05/01971) 504	238	
	AG	5,994,274	11/30/99	(Bel. to corresp. to WO Fischer et al	97/02243) 504	282	
	AH	6,110,872	08/29/00	(Bel. to corresp. to WO Lieb et al	97/01535) 504	284	
	AI	6,200,932	03/13/01	(Bel. to corresp. to WO Fischer et al	98/06721) 504	225	
	AJ	6,251,830	06/26/01	(Bel. to corresp. to WO Fischer et al	97/02243) 504	251	
	AK	6,288,102	09/11/01	(Bel. to corresp. to WO Hagemann et al	98/25928) 514	409	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL	**98/056638	01/12/98	World Patent				
	AM	2,266,888	11/17/93	Great Britain				
	AN	442,077	11/08/95	Europe (Abstract Attached)				X
	AO	99/16748	04/08/99	World Patent				X
	AP	99/24437	05/20/99	World Patent				X

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Chem. Pharm. Bull, 15 (8), (month unavailable) 1967, pages 1120-1122, S. Suzuki et al, "Studies on Antiviral Agents. Biological Activity of Tenuazonic Acid Derivatives."
AS	Ann. Chim., (month unavailable) 1970, t. 5, pages 11-22, P. L. Compagnon et M. Miocque, "Addition Des Réactifs Nucleophiles Sur La Triple Liaison Nitrile. I. Addition Des Hydrures, De L'Eau, De L'Hydrogène Sulfuré Et De L'Hydrogène Sélénié"
AT	Ann. Chim., (month unavailable) 1970, t. 5, pages 23-38, P. L. Compagnon et M. Miocque, "Addition Des Réactifs Nucleophiles Sur La Triple Liaison Nitrile. II. Addition Des Alcools, Des Composés Azotés, Des Organométalliques; Condensation de Plusieurs Molécules De Nitriles (*)"

EXAMINER

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## U.S. PATENT DOCUMENTS

EXAMINER & INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2002/0022575	02/21/02	(Bel. to corresp. to WO Fischer et al	97/02243) 504	221	
	AB	6,358,887	03/19/02	(Bel. to corresp. to WO Fischer et al	96/25395) 504	284	
	AC	6,391,912	05/21/02	(Bel. to corresp. to WO Hagemann et al	98/25928) 514	444	
	AD	2002/0072617	06/13/02	(Bel. to corresp. to WO Hagemann et al	98/25928) 548	541	
	AE	6,469,196	10/22/02	(Bel. to corresp. to WO Fischer et al	97/02243) 560	105	
	AF	2002/0161034	10/31/02	(Bel. to corresp. to WO Hagemann et al	98/25928) 514	432	
	AG	6,511,942	01/28/03	(Bel. to corresp. to WO Lieb et al	97/01535) 504	299	
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

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							Yes	No*
	AL	94/29268	12/22/94	World Patent				X
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Can. J. Chem., 53 (month unavailable), 1975, pages 3339-3349, "J. T. Edward et al, "Stereochemistry of the Bucherer-Bergs and Strecker Reactions of 4-tert-Butylcyclohexanone"
AS	J. Chem. Soc., (month unavailable) 1961, pages 4377-4379, L. Munday, "Amino-acids of the Cyclohexane Series. Part I."
AT	Indian J. Chem., 6, (month unavailable), 1968, pages 341-345, B. Bhattacharya, "Isoquinoline Derivatives: Part XVII-Formation of l-Alkyl-(or alkaryl or aryl)-3-methyl-7-chloro-(or 5-chloro)-isoquinolines"

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	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Organikum, VEB Deutscher Verlag der Wissenschaften, Berlin (month unavailable), 1977, page 505, "Darstellung von Benzoesäureestern durch Alkoholyse von Benzoylchlorid (Schotten-Baumann-Variante, allgemeine Arbeitsvorschrift für die qualitative Analyse)"
	AS	
	AT	

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